

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 101699, S11  
Source: IFWU  
Date Processed by STIC: 11/4/04

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 11/04/2004

PATENT APPLICATION: US/10/699,511

TIME: 11:35:00

Input Set : A:\SEQUENCE LISTING.TXT

Output Set: N:\CRF4\11042004\J699511.raw

```

3 <110> APPLICANT: Rice University
4      Bennett, George N
5      Harrison, Mary L
7 <120> TITLE OF INVENTION: METHOD FOR ASSEMBLING PCR FRAGMENTS OF DNA
9 <130> FILE REFERENCE: 61683-00002USPT
11 <140> CURRENT APPLICATION NUMBER: 10/699511
12 <141> CURRENT FILING DATE: 2003-10-31
14 <150> PRIOR APPLICATION NUMBER: 60/422807
15 <151> PRIOR FILING DATE: 2002-10-31
17 <160> NUMBER OF SEQ ID NOS: 10
19 <170> SOFTWARE: PatentIn version 3.3
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 32
23 <212> TYPE: DNA
24 <213> ORGANISM: Artificial
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Primer Sequence
30 <220> FEATURE:
31 <221> NAME/KEY: misc_feature
32 <222> LOCATION: (4)..(4)
33 <223> OTHER INFORMATION: wherein n is deoxyuridine
35 <400> SEQUENCE: 1
W--> 36 agcncggcac gtaagagggt ccaactttca cc 32
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 32
41 <212> TYPE: DNA
42 <213> ORGANISM: Artificial
44 <220> FEATURE:
45 <223> OTHER INFORMATION: Primer Sequence
48 <220> FEATURE:
49 <221> NAME/KEY: misc_feature
50 <222> LOCATION: (4)..(4)
51 <223> OTHER INFORMATION: wherein n is deoxyuridine
53 <400> SEQUENCE: 2
W--> 54 agcncaggc gtttaagggc accaataact gc 32
57 <210> SEQ ID NO: 3
58 <211> LENGTH: 38
59 <212> TYPE: DNA
60 <213> ORGANISM: Artificial
62 <220> FEATURE:
63 <223> OTHER INFORMATION: Primer Sequence
65 <400> SEQUENCE: 3
66 agaatgagct ccaggcggtt aagggcacca ataactgc 38

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69 <210> SEQ ID NO: 4
70 <211> LENGTH: 38
71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Primer Sequence
77 <400> SEQUENCE: 4
78 tcaatgagct cggcacgtaa gaggttccaa ctttcacc          38
81 <210> SEQ ID NO: 5
82 <211> LENGTH: 36
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Primer Sequence
90 <220> FEATURE:
91 <221> NAME/KEY: misc_feature
92 <222> LOCATION: (4)..(4)
93 <223> OTHER INFORMATION: wherein n is deoxyuridine
95 <400> SEQUENCE: 5
W--> 96 agcncgcacg acaggtttcc cgactggaaa gcgggc          36
99 <210> SEQ ID NO: 6
100 <211> LENGTH: 31
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Primer Sequence
108 <220> FEATURE:
109 <221> NAME/KEY: misc_feature
110 <222> LOCATION: (11)..(11)
111 <223> OTHER INFORMATION: wherein n is deoxyuridine
113 <400> SEQUENCE: 6
W--> 114 accaccacgc ncatcgataa tttcaccgcc g          31
117 <210> SEQ ID NO: 7
118 <211> LENGTH: 30
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Primer Sequence
126 <220> FEATURE:
127 <221> NAME/KEY: misc_feature
128 <222> LOCATION: (11)..(11)
129 <223> OTHER INFORMATION: wherein n is deoxyuridine
131 <400> SEQUENCE: 7
W--> 132 agcgtggtgg ntatgccgat cgcgtcacac          30
135 <210> SEQ ID NO: 8
136 <211> LENGTH: 30
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial
140 <220> FEATURE:

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141 <223> OTHER INFORMATION: Primer Sequence  
144 <220> FEATURE:  
145 <221> NAME/KEY: misc\_feature  
146 <222> LOCATION: (10)..(10)  
147 <223> OTHER INFORMATION: wherein n is deoxyuridine  
149 <400> SEQUENCE: 8  
W--> 150 agcgctggan gcggcgtgcg gtcggcaaag 30  
153 <210> SEQ ID NO: 9  
154 <211> LENGTH: 30  
155 <212> TYPE: DNA  
156 <213> ORGANISM: Artificial  
158 <220> FEATURE:  
159 <223> OTHER INFORMATION: Primer Sequence  
162 <220> FEATURE:  
163 <221> NAME/KEY: misc\_feature  
164 <222> LOCATION: (10)..(10)  
165 <223> OTHER INFORMATION: wherein n is deoxyuridine  
167 <400> SEQUENCE: 9  
W--> 168 atccagcgcg gacggaagca aaacaccagc 30  
171 <210> SEQ ID NO: 10  
172 <211> LENGTH: 31  
173 <212> TYPE: DNA  
174 <213> ORGANISM: Artificial  
176 <220> FEATURE:  
177 <223> OTHER INFORMATION: Primer Sequence  
180 <220> FEATURE:  
181 <221> NAME/KEY: misc\_feature  
182 <222> LOCATION: (4)..(4)  
183 <223> OTHER INFORMATION: wherein n is deoxyuridine  
185 <400> SEQUENCE: 10  
W--> 186 agcncaatac gggcagacat ggctgccc g 31

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/699,511

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Input Set : A:\SEQUENCE LISTING.TXT  
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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 4 ✓  
Seq#:2; N Pos. 4 ✓  
Seq#:5; N Pos. 4 ✓  
Seq#:6; N Pos. 11 ✓  
Seq#:7; N Pos. 11 ✓  
Seq#:8; N Pos. 10 ✓  
Seq#:9; N Pos. 10 ✓  
Seq#:10; N Pos. 4 ✓

**Invalid <213> Response:**

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10

## VERIFICATION SUMMARY

DATE: 11/04/2004

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Input Set : A:\SEQUENCE LISTING.TXT

Output Set: N:\CRF4\11042004\J699511.raw

L:36 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0